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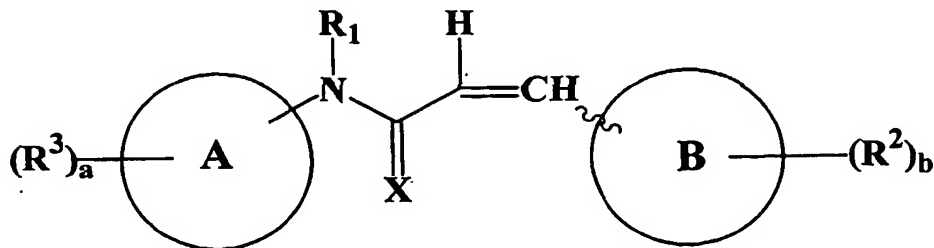
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(54) Title: **ARYL AND HETEROARYL PROPENE AMIDES, DERIVATIVES THEREOF AND THERAPEUTIC USES THEREOF**



(I)

(57) Abstract: Compounds useful as antiproliferative agents, radioprotective agents and cytoprotective agents, including, for example, anticancer agents, are provided according to formula I: wherein ring A, ring B, <sup>^</sup><sup>^</sup><sup>^</sup>X, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, a, and b are as defined herein.

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/26954

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C07C 233/09, 229/00; A61K 31/165, 31/195

US CL : 564/155, 165, 166, 170; 562/455; 514/616, 617, 619, 620, 5 63

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 564/155, 165, 166, 170; 562/455; 514/616, 617, 619, 620, 5 63

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
CAS ONLINE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2001-139550 A (SHIONGI AND CO., LTD.) 22 May 2001(22-05-2001), pages 14-19, and pages 10-13.	1-23, 25-28, 30-32, 34-36, 42

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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